Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-20. (Cancelled)

Claim 21. (New) A method of associating a Training code to a Channelization code for use in a mobile telecommunication system comprising a base station and a mobile terminal, the method comprising the steps of:

selecting a Channelization code,

encoding data according to the Channelization code,

selecting a Training code based on a predetermined selection process,

transmitting the Training code with the data,

detecting the Training code and the data, and

applying a set of rules to the Training code such that the Channelization code is known, thereby facilitating interpretation of the data.

Claim 22. (New) A method as claimed in Claim 21, wherein the mobile telecommunications system is operating in an uplink mode, and the method further comprises the steps of:

the mobile terminal selecting at random a Channelization code from a plurality of available Channelization codes,

the predetermined selection process being such that the Training code selected for transmission to the base station is determined by the Channelization code selected, and

the set of rules applied to the Training code upon detection by the base station being such that for each Training code detected the Channelization code used to encode the data received with that Training code is known.

Claim 23. (New) A method as claimed in Claim 22, wherein the spreading factor of the randomly selected Channelization code is 16.

Claim 24. (New) A method as claimed in Claim 21, wherein the mobile telecommunications system is operating in a downlink mode, and further comprising the steps of:

the base station assigning Training codes to users in a given time slot in a predetermined assignment sequence, the predetermined assignment sequence having a spreading factor associated therewith, and

the base station and the mobile terminal having knowledge of the predetermined assignment sequence and associated spreading factor such that upon detection of the Training code by the mobile terminal the Channelization code used to encode the data is known.

Claim 25. (New) A method as claimed in Claim 24, wherein the predetermined assignment sequence is:

for Q = 16: $\{m_1,m_0,m_5,m_4, m_3,m_2,m_7,m_6\}$

for Q = 8: $\{m_6,m_2, m_4,m_0\}$

for Q = 4: $\{m_2, m_0\}$

for $Q = 2$: $\{m_0\}$

where Q equals the spreading factor and m_j represents the available Training codes.

Claim 26. (New) A Code-Division Multiple Access mobile telecommunication system using the method as claimed in Claim 21.

Claim 27. (New) A code-Time Division Multiple Access mobile telecommunications system using the method as claimed in Claim 21.

Claim 28. (New) A time division duplex mobile telecommunication system using the method as claimed in Claim 21.

Claim 29. (New) A UMTS mobile telecommunications system using the method as claimed in Claim 21.